

2018

(6th Semester)

EDUCATION

Paper No. : Edn-601

(**Educational Technology**)

Full Marks : 70

Pass Marks : 45%

Time : 3 hours

(PART : B—DESCRIPTIVE)

(*Marks : 45*)

*The figures in the margin indicate full marks
for the questions*

1. Define educational technology. Enumerate the scope of educational technology. 3+6=9

Or

Discuss the hardware and software approach to educational technology 4½+4½=9

2. What is meant by communication? Discuss its nature and process. 2+(3+4)=9

Or

Discuss the impact of mass media approach to education. 9

3. Explain the steps involved in systems approach. 9

Or

What do you understand by instructional systems designing? Discuss the components involved in instructional systems designing. 3+6=9

4. What is programmed learning? Discuss the types of programmed learning. 2+7=9

Or

Differentiate between microteaching and macroteaching. 9

5. Define CAI. Critically analyze its major contributions in the field of education. 2+7=9

Or

Elaborate on the significance of ICT in distance education. 9

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Paper No. : Edn-601

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(PART : A—OBJECTIVE)

(Marks : 25)

The figures in the margin indicate full marks for the questions

SECTION—I

(Marks : 10)

A. Tick (✓) the appropriate response from the choices given below : 1×5=5

1. The term 'technology' has been derived from

(a) Latin ()

(b) Greek ()

(c) French ()

(d) None of the above ()

2. The credit for developing branching programme goes to American psychologist
- (a) Norman A. Crowder ()
 - (b) Henry K. Williams ()
 - (c) John K. Phillips ()
 - (d) None of them ()
3. Personalized System of Instruction (PSI) owes its origin to
- (a) Green ()
 - (b) Abbe René Graffin ()
 - (c) Fred S. Keller ()
 - (d) Henry K. Williams ()
4. "System is a systematic organization of the elements that operates in a unique way." Who said this?
- (a) Crawford Reep ()
 - (b) William James ()
 - (c) John Davis ()
 - (d) R. L. Ackoff ()

5. Simulated teaching is related with

- (a) role playing ()
- (b) training technique ()
- (c) problem solving ()
- (d) All of the above ()

B. Indicate whether the following statements are *True (T)* or *False (F)* by putting a Tick (✓) mark : 1×5=5

1. Microteaching is a skill-oriented programme.

(T / F)

2. Programmed learning is a self-instructional learning device.

(T / F)

3. Identification of the problem is the last step in systems approach.

(T / F)

4. In CAI, the teacher plays a pivotal role in the instructional process.

(T / F)

5. Communication is a bipolar process.

(T / F)

(4)

SECTION—II

(Marks : 15)

C. Write short notes on the following :

3×5=15

1. Nature of educational technology

2. Types of classroom communication

3. Physical resource in instructional systems designing

4. Simulated teaching

5. Team teaching
